

OLESHKO, V.P., inzh.; KOSTYUCHENKO, N.Ye.; KOROVIN, P.A.

Mechanical unloader designed by Korovin. Masl.-zh.r.prom. 26
no.7:40-42 J1 60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut shirov (for
Oleshko, Kostyuchenko). 2. Shebekinskiy kombinat sinteticheskikh
zhirnykh kislot i moyushchikh sredstv (for Korovin).
(Oil industries--Equipment and supplies)
(Loading and unloading)

PORTNOY, N.D.; KONDRATOVICH, V.V.; RABKIN, D.M.; ZYONKOV, H.L.; BOVIN, A.I.;
GENRIKHSDOEF, H.G.; OLESHKOV, Yu.V.; SHASKIN, A.Ya.; KRUMERMAN, P.L.;
KHODZHAYEV, A.I.; PISAREVSKIY, M.S.

Automatic welding of aluminum alloy products instead of manual arc
welding with a carbon electrode. Suggestion by N.D.Portnoi and others.
From.energ.11 no.4:21-22 Ap '56. (MIRA 9:7)
(Aluminum alloys--Welding)

Oleshkov, Yu. V.

137-1957-12-24261

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 193 (USSR)

AUTHORS: Maze1', Yu. S., Oleshkov, Yu. V., Portnoy, N. D.

TITLE: Mechanization of a Manufacturing Production Line for Open-Top-Car Loading Doors (Mekhanizatsiya lini izgotovleniya lyukov poluvagona)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1957, Nr 2, pp 44-50

ABSTRACT: Bibliographic entry

1. Railway cars-Manufacture-Bibliography

Card 1/1

OLESHKOV, YU. V.

135-7-5/16

SUBJECT: USSR/Welding

AUTHORS: Protnoy, N.D., Candidate of Technical Sciences; Mazel', Yu.S., Engineer; and Oleshkov, Yu.V., Engineer.

TITLE: Mechanized Welding Line for Freight-Car Hatches. (Mekhanizatsiya linii svarki lyukov gruzovogo vagona).

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, # 7, pp 13-16 (USSR)

ABSTRACT: The article describes the new mechanized production line for welding freight-car hatches, designed, built, and put into operation at the authors' plant. The hatch considered (the design is shown in illustrations) consists of a 6 mm stamped sheet, 1590x1380 mm in size and weighing 180 kg; with many stiffening and strengthening parts. It has to take up heavy impacts, as for example, pig iron falling from 2 m height. Each freight-car has 14 hatches. With the old production method, the current production program for hatches would require a workshop of 7000 m² floor space, since the old technology required many assembling and welding fixtures. The assembled doors were transported by crane to a special inclined turning device for welding. Each hatch had to be turned 4 times. When welding long seams,

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135-7-5/16

TITLE:

Mechanized Welding Line for Freight-Car Hatches. (Mekhanizatsiya linii svarki lyukov gruzovogo vagona).

6 x 6 mm, by electrodes of 8 mm diameter; voids occurred in the seam root, which impaired the strength of joints and compelled a reduction in the electrode diameter.

Now, two production lines are employed: the short one with four work positions and 8.5 m length, comprising two automatic welding heads, one pneumatic revolving lifting device for placing and removing of parts. The long line has 12 work positions is 20 m long, and is composed of four automatic welding devices for specialized operations, and is mounted on two sections of inclined roller conveyors. The arrangement and its operation is described in detail. The design of the inclined conveyors and of the tilting and turning devices is shown in drawings. The welding conditions are also listed.

The new production line works with a cycle of 3.5 min for each welding operation.

About 26 % of welding materials and 200,000 kwh of electric power are saved annually.

Card 2/3

135-7-5/16

TITLE: Mechanized Welding Line for Freight-Car Hatches (Mekhanizatsiya linii svarki lyukov gruzovogo vagona).

The article contains 2 photographs and 6 drawings.

ASSOCIATION: "УРАЛ ВАГОНЗАВОД" (Uralvagonzavod).

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 3/3

OLESHKOVICH, L., uchitel'

Intersting exhibition. Pozh. delo 7 no. 2:39 P '61.

(MIRA 14:2)

1. 10-aya srednyaya shkola rabochey molodezhi, g. Vil'nyus.
(Lithuania--Fire departments)

OLESIAK, Z.

A bent circular plate with linear supports inside the plate region. p. 227
(ARCHIWUM INSYNIERII LADOWEJ, Vol. 9, No. 2, 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, No. 9, Sept. 1957 Uncl.

OLESIAK, Z

"Discountinuous boundary conditions and linear supports in statical problems of cylindrical shells."

p. 549 (Archiwum Mechaniki Stosowanej, Vol.9, No. 5, 1957, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol, 8, No.1, Jan 59

OLESIAK, Zbigniew (Warszawa)

Derivation of the equation of the theory of thin plates from
Lame's equations. Archiw inz lad 6 no.4:525-528 '60.

ID: 6000

1103, 1327, 2607

25288

F/035/60/012/001/007/008
D248, D302

AUTHOR: Olesiak, Zbigniew (Warsaw)

TITLE: Some cases of infinite isotropic plates with mixed boundary conditions

PERIODICAL: Archiwum mechaniki stosowanej, v. 12, no. 4, 1960, 109-134

TEXT: The author considers the strains and stresses in an infinite plate due to forces and moments at one edge of the plate by taking the familiar differential equation

$$\nabla^4 w = q(x, y) D,$$

X

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2928 }
F/033/60/012/001/007/008
D248/D302

Some cases of infinite isotropic ...

and solving it by using a Fourier exponential transform. The problem of finding the deflection of the plate is resolved into only solving dual integral equations. This, it is claimed, shows an improvement on the method of W. Nowacki (Ref. 1: Arch. Mech. stos. 3/4, 3 (1951), 419-435; 2,5 (1953), 193-220). The biharmonic Fourier exponential transformation

X

$$\bar{w} = \int_{-\infty}^{\infty} w e^{i\eta y} dy. \tag{1.1}$$

is applied to

$$\nabla^4 w = q(x,y) D$$

and reduces it to an ordinary differential equation

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29288

Some cases of infinite isotropic ...

F/033/60/012/001/007/008
D248/D302

$$\frac{d^4 \bar{w}}{dx^4} - 2\eta^2 \frac{d^2 \bar{w}}{dx^2} + \eta^4 \bar{w} = 0 \quad (1.3)$$

The plate deflection w is assumed to have symmetric and skew-symmetric parts and the full solution found on inverse transformation is

$$w = \frac{1}{2\pi} \left[\int_0^{\infty} \bar{w}_c \cos \eta y d\eta + \int_0^{\infty} \bar{w}_s \sin \eta y d\eta \right] \quad (1.9)$$

where

$$\bar{w}_c = (A_1 + B_1 x) e^{-|\eta| x}, \quad \bar{w}_s = (A_2 + B_2 x) e^{-|\eta| x} \quad (1.10)$$

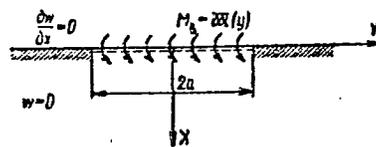
Card 3/8

292.18
 P/O 3/60/012/001/007/008
 D248/D302

Some cases of infinite isotropic ...

Some particular cases are considered: 1) A plate clamped along part of an edge, the remaining part being simply supported and acted on by moments. The boundary conditions are

$$\begin{cases} M_x = M(y) & \text{for } |y| < a, \\ \frac{\partial w}{\partial x} = 0 & \text{for } |y| > a. \end{cases}$$



(2.2)

Fig. 1

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29 88

P/03:1/60/012/001/007/008

D248, D302

Some cases of infinite isotropic ...

The work of L. C. Titchmarsh is referred to: 2) A plate simply supported on the entire edge and subjected to moments acting on part of this edge. The symmetric moment function is considered for non trivial cases using boundary conditions.

$$m_c(y) = \begin{cases} C & |y| < \frac{a}{2}, \\ -C & \left| \frac{a}{2} \right| < |y| < |a|. \end{cases} \quad (3.5)$$

X

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29218

F/033/60/012/001/007/008

D248/D302

Some cases of infinite isotropic ...

3) A simply supported plate with known deflection angle on part of the edge. The boundary conditions are that the deflection $w = 0$ in the edge $x = 0$, the deflection angle $\phi(y)$ is known along the edge for $|y| < a$, and the moment on the remainder of the edge is zero. The work of I. W. Bushbridge, of G. N. Watson, F. Chong is referred to.

4) A plate with a given deflection angle at the simply supported part of the edge, the remainder being clamped. The definite integral for the deflection surface is found and two particular cases (a) $\phi_c(y) = Y$ and $\phi_c = C$ are considered. 5) Three cases of bending of a plate simply supported one part of the edge, the load acting on the remaining part. The three boundary conditions which correspond are (a) the deflection $w = w(y)$ is known along the free part of the edge, the bending moment $M_x = 0$. This is the case corresponding to a linear rigid punch, deforming the edge of the plate perpendicularly to its surface; (b) the deflection function $w = w(y)$ and the deflection angle $\frac{\partial w}{\partial x} = \psi(y)$ are known on the unloaded part of the edge. This corresponds to a punch rigidly attached to the

X

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2: 288

P/O 33/60/012/001/007/008
D243/D302

Some cases of infinite isotropic ...

edge causing normal displacement plus rotation through an angle $\phi(y)$; (c) the free part of the edge is acted on by normal force and a bending moment $M(y)$. The problem is solved by superposition.

6) Three cases of bending of a plate clamped along part of the edge and loaded along the remaining part. The 3 boundary conditions are (a) $w=w(y)$ and $M=0$ are known along the unclamped part of the edge. This corresponds to a linear rigid punch deforming the edge of the plate. (b) $w=w(y)$ and $\frac{dw}{dx} = \phi(y)$ are known along the unclamped part of the edge. This corresponds to a linear punch attached to the plate causing a deflection and rotation $\phi(y)$. (c) the free part of the edge is acted on by normal forces, the angle of the tangent being $\frac{dw}{dx} = 0$. There are 5 figures and 10 references: 3 Soviet-bloc and 7 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: I. N. Sneddon, Fourier Transforms, New York Toronto London 1951; H. Bateman, Tables of Integral Transforms, v. 1 and 2, New York Toronto London 1954; F. Chong, Solution by Dual Integral Equations of a Plane Strain Boussinesq Problem for an Orthotropic Medium,

Card 7/8

20288

F/033/60/012/001/017/006
D240/D302

Some cases of infinite isotropic ...

Iowa State College Journal of Science, v. 27, no. 3, April 1959, 321-334; R. W. Frericks, Solution of a Pair of Integral Equations from Elastostatics, Proc. Nat. Acad. Sci. USA, 44 (1958), 309-311

X

ASSOCIATION: Department of Mechanics of Continuous Media, 1959
Polish Academy of Sciences

SUBMITTED: August 15, 1959

Card 8/8

OLESIAK, Zbigniew

Dynamic problems of bodies with visco-elastic properties. Rozpr inż
PAN 9 no.3:401-421 '61.

1. Zakład mechaniki Ciał Ciężkich Instytutu Podstawowych Problemów
Techniki Polskiej Akademii Nauk.

(Viscosity) (Elasticity)

OLESIAK, Zbigniew (Warsaw)

Some cases of infinite isotropic plates with mixed boundary conditions. Archiw mech 12 no.1:109-136 '61.

1. Department of Mechanics of Continuous Media, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw.

OLESIAK, Zbigniew

Review of Polish papers concerning problems with discontinuous boundary conditions in the theory of elasticity. Mechan teor stosow 2 no. 1:15-23 '64.

1. Department of Mechanics of Continuous Media, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw.

SWIERZAWSKI, Tadeusz J. (Gliwice); OLESIAK, Z. (Prakow)

Scientific symposia of the Polish Association of Theoretical
and Applied Mechanics. Mechan teor stosow 2 no.2:97-98 '64.

OLESIAK, Zbigniew

Seventh Yugoslav Congress of Theoretical and Applied Mechanics.
Mechan teor stosow 2 no.2:98-99 '64.

KAJFASZ, Stanislaw; OLESIAK, Zbigniew; ZORSKI, Henryk; HERCZYNSKI, Ryszard

Educational conferences of the Polish Academy of Sciences in
Jablonna. Mechan teor stosow 2 no.2:99-102 '64.

OLESIAK, Zbigniew, prof. dr inż.

New books reviewed. Inz 1 bud 21 no.4:3 of cover Ap '64.

ROBUSTOV, A.M., inzhener; OLESIN, G.A., inzhener

~~Problem of quality steel industry output in southern plants.~~
Stal' 15 no.7:656-658 J1 '55. (MIRA 8:9)
(Russia, Southern--Steel industry)

OLEVIN, I.V.

Machine testing spring wires and springs for creep. Zav.lab. 28
no.8:1003-1005 '62. (MIRA 15:11)
(Springs (Mechanism)--Testing)

L 10368-63

ACCESSION NR: AP3001128

1/0108/53/018/006/0051/0055

AUTHOR: Belen'kiy, Ya. Ye.; Olesin, V. R.

44

TITLE: Temperature stabilization of transistorized multiphase multivibrators

SOURCE: Radiotekhnika, v. 18, no. 6, 1963, 51-55

TOPIC TAGS: temperature compensation, transistor multivibrators

ABSTRACT: The problems of stability and increased temperature range of transistorized multiphase multivibrators were investigated. The multivibrator shown in Fig. 1 of Enclosure was analyzed. Collector current I_c was stabilized against temperature variations by the introduction of a potentiometer circuit. When a pulse is generated by the first transistor T_1 , the other transistors are blocked by a positive voltage existing across emitter resistor R_e due to the emitter current. At the moment of triggering, two transistors open, and the relationships obtained for the moment of generation are also correct for the moment of turnover. By utilizing the relationships between voltages and currents of the circuit elements and transistors, a system of equations for currents was

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ACCESSION NR: AP3001128

derived. The solution of the system for the collector current I_c shows that parameters depending on temperature are collector current I_c , base emitter voltage, and current gain. To determine the relationship between I_c and I_{c0} , the concept of the instability coefficient S was introduced. The latter represents a function of circuit parameter p , which is completely defined by multivibrator circuit elements. $S(p)$ is a monotonically decreasing function and when p increases, S decreases, thus improving the thermal characteristics of the multiphase multivibrator. The experiments were conducted with P15 germanium transistors and P101 silicon transistors. Frequency instability of germanium transistors did not exceed 2% for each 10C, while the temperature range of the multivibrator rose as high as 80C. In the circuit with silicon transistors, the frequency instability did not exceed 1.5% for each 10C, and temperature ranges rose as high as 120C. Orig. art. has: 4 figures and 14 formulas.

ASSOCIATION: none

SUBMITTED: 11Jul62 DATE ACQ: 01Jul63

INCL: (1)

SUB CODE: 00 NO REF SOV: 004

OTHER: 000

Card 2/2

OLESINSKA, I.

"Drobny sprzęt w zakładach gastronomicznych" (Small equipment in gastronomic plants), by I. Olesinska. Reported in New Books (Nowe Książki), No. 12, June 15, 1956.

HARTWIG, Walenty; MIGDALSKA, Barbara; Wspolprac. techniczna: OLESINSKA,
Jadwiga; MALINOWSKA, Zofia

Studies on the pituitary reserve in producing AGTH. Endokr.pol.
14 no.5:389-407 '63.

1. Klinika Chorob Wewnetrznych Studium Doskonalenia Lekarzy w
A.M. w Warszawie. Kierownik: prof. dr.W. Hartwig

4

MIGDALSKA, Barbara. Z wspolpraca: OLESINSKA, Jadwiga; MALINOWSKA, Zofia

Urinary excretion of 17-ketosteroids in normal male and female subjects aged from 14 to 80. Pol. arch. med. wewnet. 35 no.8: 1247-2151 ' 65.

1. Z I Kliniki Chorob Wewnetrznych Studium Doskonalenia Lekarzy w AM w Warszawie (Kierownik: prof. dr. med. W. Hartwig).

MIGDAŁSKA, Barbara; oraz współpracownicy techniczny OLĘSIŃSKA, Jadwiga;
MALINOWSKA Zofia

Urinary excretion of 17-ketosteroids in normal subjects aged
14-80 years. Pol. arch. med. wewnet. 35 no.6:801-805 '65.

1. Z I Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy
AM w Warszawie (Kierownik: prof. dr. med. W. Martwig).

POLAND / Cultivated Plants. Medicinal. Essential M-7
Oils. Toxins.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25246

Author : Turowska, I., Olesinski, A., Tum-Smajda, K. I.,
Cybura, R.

Inst : Not given

Title : Investigation of Several Medicinal Flavoring
Plants of the Family Labiatae. Part 1. Ocimum.

Orig Pub: Dissert. pharmac. PAN, 1956, 7, 36-101 (Polish;
res. Russ., Eng.)

Abstract: A survey of the contemporary state of research on
the family Ocimum is given. Through selection
work, done on material obtained from Yugoslavia
and Portugal, 30 forms have been selected, related
to the species *O. basilicum*, *O. sanctum* and *O.*
minimum. Information is given on the output of

Card 1/2

OLESINSKI, Henryk, inz.

Mechanization of work with combines in the longwalls of the mines
of the Zabrze Association of the Coal Mining Industry in 1962.
Wiadom gorn 14 no.2/3:77-80 F-Mr '63.

ACC NR: AR6035387

(N)

SOURCE CODE: UR/0358/66/000/009/A024/A024

AUTHOR: Korchak, E.; Olezin'ski, S.; Rostaishevskaya, U.

TITLE: Noise in fishing vessels and problems associated with it

SOURCE: Ref. zh. Vodnyy transport, Abs. 9A148

REF. SOURCE: Sb. Rybolovn. flot. T. 2. L., Sudostroyeniye, 1965, 227-244

TOPIC TAGS: fishing ship, noise measurement, noise suppression

ABSTRACT: Results are presented of noise measurements in the following ships; B20 extraction trawler, B23 fishing trawler, B26 fish-processing trawler, and B64 floating base for fish processing. The standards prevailing in the USSR for noise and ships and also the projected norms of noise proposed in East Germany and in Poland are given. Measures of combating noise due to the main engines, to diesel generators, to screws, to fish-processing equipment, to the ventilating system, and to the air conditioning system are considered. Also considered are means limiting the penetration of noise into the living and service quarters. 28 illustrations. N. Tsyganin. [Translation of abstract]

SUB CODE: 13

Card 1/1

UDC: 621.391.822:629.124.72

OLASINSKI, W.

Significance of occupational therapy. Polski tygodnik. 5 no.
29-30:1135 24 July 50. (CJML 20:5)

MOSSAKOWSKI, Jan; OLESINSKI, Wladyslaw

Hepato-lienal syndrome according to modern literature and according to observations at the Second Surgical Clinic of the Academy of Medicine. Polaki tygod. lek. 9 no.11:327-331 15 Mar 54.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Warszawie;
kierownik prof. dr J. Mossakowski.

(LIVER, diseases,
hepatolienal synd., surg.)

(SPLEEN, surgery,
hepatolienal synd., surg.)

(ANEMIA, HEMOLYTIC, surgery.)

OLESIŃSKI, Władysław

MOSSAKOWSKI, Jan; *OLESIŃSKI, Władysław*

Second Surgical Clinic of the Academy of Medicine. Polski tygod.
lek. 9 no.15:455-459 12 Apr '54.

1. Z II Kliniki Chirurgicznej Ak. Med. w Warszawie, Kierownik:
prof. dr med. J. Mossakowski.

(LIVER, diseases,
hepatolienal dis.)

(SPLEEN, diseases,
hepatolienal dis.)

OLESIŃSKI, W.; KOSIŃSKI, W.

A case of hemorrhagic diathesis in lymph node tuberculosis with surgical treatment. Polski tygod. lek. 10 no. 5:482-483 12 Apr 55.

1. Z II Kliniki Chirurg. A.M.: kierownik Kliniki: prof. dr. J. Mossakowski 1 I Oddz. Wewn. Szpitala Nr 4 w Warszawie: ordynator Oddz. Wewn.: dr med. W. Kosinski. II Klinika Chir. A.M., Warszawa.

(TUBERCULOSIS, LYMPH NODE, complications, hemorrh., surg.)

(HEMORRHAGIC DIATHESIS, complications, tuberc., lymph node, surg.)

OLESIŃSKI, Władysław

Effect of compensatory hypersplenic reactions on associated pathologic symptoms and on general conditions of patient. Polski tygod. lek. 10 no.33:1096-1097 15 Aug. '55.

1. Z II Kliniki Chirurgicznej A.M. w Warszawie; kierownik: prof.dr J. Mossakowski.

2. Czasz badan laboratoryjnych wykonano w Pracowni. Anal.Szpitala nr. 4; kierownik; dr Cz. Karwowski, Warszawa, ul. Gen.Swierczewskiego 67, II Klinika Chirurgiczna a A.M.

(SPLEEN, in various diseases,

eff. of compensatory)

(SPLEEN, diseases,

eff. of compensatory hypersplenic reactions on assoc.pathol.symptoms & on general cond.)

EXCERPTA MEDICA Sec. 6 Vol. 11/12 Dec. 57

OLESIŃSKI WŁ.

7395. OLESIŃSKI WŁ. and KOWALCZEWSKI S. II Klin. Chir. A. M., Warszawa.

*Przypadek niewydolności wątroby leczonej za pomocą splenektomii. A case of hepatic insufficiency treated by splenectomy POL. TYG. LEK. 1956, 11/26 (1184-1188) illus. 9

The clinical picture was dominated by damage to the hepatic parenchyma with bile stasis. No obstruction in the main hepatic ducts was found at operation. Histopathological examination before splenectomy pointed to a marked hyperplasia of reticulo-histiocytic elements. Splenectomy ameliorated the patient's general condition and hepatic function, and liver biopsy 9 months afterwards showed normal regeneration of liver parenchyma, and diminution of histiocytic infiltration. The observation of a number of similar cases seems to prove that the spleen, in certain pathological conditions exerts a dominant action over the reticulo-histiocytic system and splenectomy eliminates its progressive hyperplasia.

Olesiński - Warsaw (IX, 6)

OLESINSKI, Wladyslaw

Hemopoietic capacity of the bone marrow and postoperative course and general conditions of patients. Polski przegl. chir. 28 no.9:829-831 Aug 56.

1. Z II Kliniki Chirurg. A.M. w Warszawie. Kierca: prof. dr. K. Mossakowski. Warszawa, ul. Gen. Swierczewskiego 67.

(BONE MARROW, physiology,
hemopoietic funct., relation of postop. course & general
cond. of patient (Pol))

(SURGERY, OPERATIVE,
postop. hemopoietic funct. of bone marrow, relation to
postop. course & general cond. of patient (Pol))

OLESINSKI, Wl.
OLESIŃSKI, Wl. (Warszawa, Inst. Hematologii, Chocimska 5)

Surgical treatment of primary intrahepatic biliary stasis. Polski tygod. lek. 12 no.36:1393-1396 2 Sept 57.

1. Z II Kliniki Chirurg. A. M. w Warszawie; kierownik: prof. dr J. Mossakowski.

(HEPATIC DUCT, dis.

obstruct. causing stasis, surg., splenectomy (Pol))

(SPLEEN, surg.

splenectomy for stasis-causing obstruct. of hepatic duct. (Pol))

OLESIŃSKI, Władysław

Preliminary examination and diagnosis in Banti's syndrome.
Polski przegl. chir. 29 no.3:209-215 Mar 57.

1. Z Oddziału Chirurgicznego Instytutu Hematologii w Warszawie
Dyrektor: doc. dr. A. Trojanowski. Adres autora: Warszawa,
Chocimska 5, Instytut Hematologii.

(ANEMIA, SPLENIC, compl.
hypertension, portal, surg. (Pol))
(HYPERTENSION, PORTAL, compl.
splenic anemia, surg. (Pol))

TROJANOWSKI, Andrzej; REKWART, Stefan; PRASZALOWICZ, Bronisław; NASIŁOWSKI,
Wiesław; OLESINSKI, Władysław

Surgical problems in splenectomy. *Polkie arch. med. wewn.* 29 no.3:
321-326 1959.

Z Oddziału Chirurgicznego Instytutu Hematologii w Warszawie Kierownik:
doc. dr med. A. Trojanowski. Adres autora: Warszawa, ul. Chocimska 5,
Instytut Hematologii.

(SPLEEN, surgery,
excis., surg. aspects (Pol))

REKWIART, Stefan; NASIŁOWSKI, Wiesław; OLESINSKI, Władysław; PRASZALOWICZ,
Bronisław; TROJANOWSKI, Andrzej

Experiences with splenectomy in hematological indications. Polskie
arch. med. wewn. 29 no.3:355-360 1959.

1. Z Oddziału Chirurgicznego Instytut Hematologii w Warszawie Dyrektor:
doc. dr med. A. Trojanowski. Adres autora: Warszawa, ul. Chocimska 5,
Instytut Hematologii

(SPLEEN, surgery,
excis. in blood dis. (Pol))

(BLOOD DISEASES, surgery,
splenectomy (Pol))

OLESINSKI, W.

The problem of early operations in patients with chronic diseases of the stomach. Polski przegl. chir. 33 no. 7/9:796-797 '61.

1. Z Oddziału Chirurgicznego Szpitala Miejskiego i Powiatowego w Szczecinku Ordynator: dr W. Olesinski.
(GASTRECTOMY)

OLESIŃSKI, Władysław

Internal hernia following gastrectomy as a cause of massive
hemorrhage into the alimentary tract. Wiad. lek. 18 no.5:
441-443 1 Mar '65

1. Z Oddziału Chirurgicznego Szpitala Pow. w Szczecinku
(Ordynator: dr. W. Olesinski).

OLESIUK, Z.

A slight improvement.

P. 19 (ZOLNIERZ POLSKI) (Warszawa, Poland) No. 4, Jan. 1958

SO: Monthly Index of East European Accessions: (EBAI) LC Vol. 7, No. 5. 1958

KOLOMIYETS, B.T.; OLESK, A.O.; PRATUSEVICH, S.G.

Internal photoelectric effect in semicrystalline cadmium sulfide.
Radiotekh. i elektronika no.8:1162-1166 Ag '56. (MIRA 10:1)

1. Leningradskiy fiziko-tekhnicheskoy institut Akademii nauk SSSR.
2. Nauchno-issledovatel'skiy institut Ministerstva radio-tekhnicheskoy promyshlennosti.

(Semiconductors--Spectra)

PHASE I BOOK EXPLOITATION

SOV/3712

Olesk, Aleksandr Osval'dovich

Vysokochuvstvitel'nyye selenisto-kadmiyevyy: fotosoprotivleniya
(High Sensitivity Selenium-Cadmium Photoresistors) Leningrad, 1958. 23 p.
(Series: Informatsionno-tekhnicheskiy listok, No. 65, Elektricheskiye
metody obrabotki metallov) 6,200 copies printed.

Sponsoring Agencies: Leningrad. Dom nauchno-tekhnicheskoy propagandy, and
Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR.

Ed.: Sh. D. Achkinadze, Engineer; Tech. Ed.: M. M. Kubneva.

PURPOSE: The booklet is intended for specialists in semiconductor technology.

COVERAGE: The author describes the basic properties and characteristics of
photoconductive CdSe cells. These cells, made of polycrystalline CdSe,
have been developed by a group of specialists under the direct super-
vision of Professor B. T. Kolomyts, Doctor of Technical Sciences.

Card 1/3

High Sensitivity (Cont.)

In comparison with all other existing types of photoresistors, these cells are characterized by a higher sensitivity and other special features. There are 31 references: 22 Soviet and 9 English.

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High Sensitivity (Cont.)

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JP/fal
5-27-60

S/058/62/000/004/055/160
A058/A101

AUTHORS: Kolomiyets, B. T., Olesk, A. O., Pratusovich, S. G.

TITLE: New forms of photovaristors, their design and their characteristics
(theses)

PERIODICAL: Referativnyy zhurnal, Fizika, no. 4, 1962, 22, abstract 4G182
(V sb. "Fotoelektr. i optich. yavleniya v poluprovodnikakh". Kiev,
AN USSR, 1959, 371-372)

TEXT: The authors worked out a technology for preparing photovaristors
from polycrystalline, powdery CdSe, and recorded their characteristics.

[Abstracter's note: Complete translation]

Card 1/1

41385

S/105/62/000/010/002/002
E191/E382

9.4160

AUTHORS: Kolomiyets, B.T., Doctor of Technical Sciences,
Professor and Olesk, A.O., Candidate of Technical
Sciences (Leningrad)

TITLE: Cadmium-selenide photoresistors, type ~~QC-A~~ (FS-D)

PERIODICAL: Elektrichestvo, no. 10, 1962, 71 - 75

TEXT: The principal characteristics and parameters of
cadmium-selenide photoresistors manufactured in the Soviet
Union are described. Two types of resistor are currently
made, both based on the same photosensitive element. This is
made of polycrystalline cadmium selenide in the form of a
disc, 8 mm in diameter and 0.5 - 0.8 mm thick. One of the
surfaces of the disc is provided with two graphite electrodes
deposited 4 mm apart so that the working surface is

7.5 x 4 mm². The elements have a maximum spectral sensitivity
at the boundary between the visible and the infrared spectral
regions (at about 0.7 μ). The current of the photoresistors
is proportional to the square root of illumination and

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S/105/63/000/003/003/004
A055/A126

AUTHORS: Kolomiets, B.T., Doctor of Technical Sciences, Professor; Olesk, A.O., Candidate of Technical Sciences (Leningrad)

TITLE: Cadmium sulphide photoconductive cells, type "ФСК" (FSK)

PERIODICAL: Elektrichestvo, no. 3, 1963, 75 - 10

TEXT: The main properties of the first polycrystal cadmium sulphide photoconductive cells were described by the authors in an earlier article (Elektrichestvo, 1956, no. 6). Several new and improved types of this photoconductive cell (types FSK-0, FSK-1, FSK-4, FSK-5, FSK-6, FSK-7, FSK-G1 and FSK-G2) are available now, all of which have the same basic properties (spectral sensitivity, inertness, etc.). The authors describe these properties on the example of the new FSK-1 type. The average specific sensitivity is $10 \cdot 10^3 \mu \text{ amp/lum v}$ (i.e., several times that of the old FSK-1 and FSK-2 types). The photocurrent, at an illuminance of 200 lux (luminous flux $\sim 6 \cdot 10^3 \text{ lum}$) and a voltage of 50 v, exceeds 2 mamp. At the same voltage, the dark current, measured 10 sec after the extinction of light, amounts to a few $\mu \text{ amp}$ only. The average statistical val-

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Cadmium sulphide photoconductive cells

B/105/63/000/003/003/004
A055/A126

ue of the dark resistance is $3.3 \cdot 10^6$ ohm. In darkness, the cell withstands a voltage of about 2,000 v. A curve shows the dependence of the puncture voltage on the illuminance (at 200 lux, the puncture occurs at 800 v). Another curve shows the dependence of the current on temperature; the small dependence of the sensitivity on temperature is a salient feature of the new FSK cells. The time-constant amounts to several dozens of msec; it depends much on temperature; the inertness of the cell decreases at heating and increases at cooling. The frequency response of the cell is reproduced, as well as the curve showing its spectral sensitivity. The maximum sensitivity corresponds to the wavelength $0.64 - 0.65 \mu$; the red limit is in the region of 0.9μ ; the sensitivity of the new cells has thus been somewhat shifted towards the red region of the spectrum. The current-voltage characteristic is linear, save at small voltages; below 2 v. the current increases much more rapidly. Though having the same basic properties, the various new types of the cadmium sulphide cell differ in their design; some constructional data - namely shape and size of the photosensitive element, the size of the working photosensitive surface, the configuration of the electrodes and the distance between them are given for each of the new types. The practical applications of the various types of the FSK cell (mainly

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Cadmium sulphide photoconductive cells

in photoelectric automation) are indicated.

SUBMITTED: November 18, 1961

S/105/63/000/003/003/004
A055/A126

There are 11 figures and 4 tables.

Card 3/3

KHOLUYANOV, Georgiy Fedorovich ; OLESK, A. O., red.

[Low-voltage electroluminescent indicators for transistor circuits] Nizkovol'tnye elektroluminesttsentnye indikatory dlia tranzistornykh skhem. Leningrad, 1965. 18 p.
(MIRA 18:5)

OLESK, Aleksandr Osvaľdovich; LUKOYANOV. V.P., ref.

[Photoresistors] Fotorezistory. Leningrad, 1965. 28 p.
(MIRA 18:10)

L 36812-66

ACC NR: AP6024403

SOURCE CODE: UR/0219/66/062/007/0112/0114

AUTHOR: Zakharzhevskiy, V. B.; Olesk, A. O.

28
B

ORG: Laboratory of Cortical and Visceral Physiology and Pathology, Institute of Physiology im. Pavlov, AN SSSR, Leningrad (Laboratoriya kortiko-visceral'noy fiziologii i patologii Instituta fiziologii AN SSSR)

TITLE: Use of highly sensitive Se-Ca photoresistors in studying peripheral blood circulation in animals and humans

SOURCE: ²²Byulleten' eksperimental'noy biologii i meditsiny, v. 62, no. 7, 1966, 112-114

TOPIC TAGS: photoresistor, blood circulation, animal physiology, human physiology, biosensor, plethysmography/ SFZ-1 photoresistor, SFZ-2 photoresistor

26 26 10

ABSTRACT: New Soviet equipment using semiconductor photoelements to study blood circulation (photoplethysmography) is described. The advantages of Se-Ca photoresistors (maximum sensitivity in the range between the visible and near-IR regions occupied by the absorption spectrum of blood, higher sensitivity) over S-Ca and S-Pb photoelements are pointed out. The best Soviet Ca-Se photoresistors for this purpose are the SFZ-1 and SFZ-2. The SFZ-2 Se-Ca photoresistor is light in weight, small (8 x 13 x 3.5 mm), has a large photosensitive surface and sealed photosensitive layer, and a low working voltage (2-5 v). Two photoplethysmographic sensors incorporating Card 1/3 UDC: 612.13.014.421.7

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ACC NR: AP6024403

the SFZ-2 photoresistor are illustrated. The size and weight of these sensors are

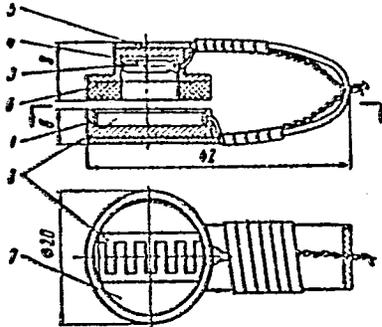


Fig. 1. Earlobe pulse sensor: above, side view; below, looking down on the lower arm of the sensor

1, 4 - Hollow plexiglas disks;
2 - photoresistor; 3 - lamp;
5 - plexiglas bow joining the two parts of the sensor; 6, 7 - foam rubber pads.

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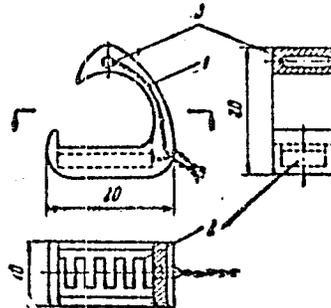


Fig. 2. Sensor for externalized loop of carotid artery: top left, side view; top right, end view; below, looking down on the lower arm of the sensor

1 - Plexiglas body; 2 - photoresistor;
3 - lamp.

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ACC NR: AP6024403

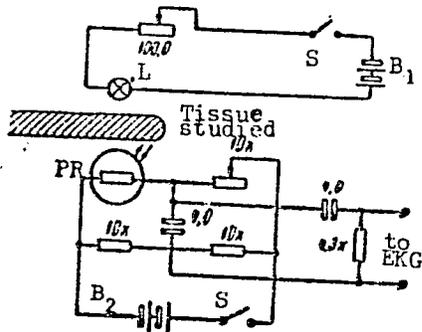


Fig. 3. Schematic diagram of circuit for photoelectric volumetric pulse recorder

L - Lamp; PR - photoresistor; B₁ - lamp battery; B₂ - Wheatstone bridge circuit battery; S, S - switches.

greatly reduced by using plexiglas for the housing. They are highly sensitive and easy to install, and are unaffected by movements of the experimental subject. Orig. art. has: 2 figures.

[DP]

SUB CODE: 06/ SUBM DATE: 23Nov64/ ORIG RE: 002/ OTH REF: 007/ ATD PRESS: 5038

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Card 3/3

SOV/124-58-8-9299 D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 133 (USSR)

AUTHOR: Oleskin, V.I.

TITLE: The Dynamic Calculation of Coverings Braced With Cross Beams With Allowance Made for the Torsion of the Beams
(Dinamicheskiy raschet perelivnykh s perekrestnymi balkami s uchetom krucheniya balok)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Voen.-inzh. akad. im. V.V. Kuybysheva (Military Engineering Academy im. V.V. Kuybyshev), Moscow, 1957

ASSOCIATION: Voen.-inzh. akad. im. V.V. Kuybysheva (Military Engineering Academy im. V.V. Kuybyshev), Moscow

Card 1/1

ZVEREVA, G.V., prof.; OLESKIV, V.N., assistant; ZINCHENKO, L.G., veteri-
narnyy vrach

Etiology of mastitis in cows. Veterinaria 41 no.5:77-78
My '64. (MIRA 18:3)

1. L'vovskiy zooveterinarnyy institut.

A
OLSHNEVICH, L.A.

Efficiently use the labor resources on collective farms in the
Carpathian Zone of the Ukrainian S.S.R. Visny: AN URSS 28 no.6:
23-27 Ja '57. (MIRA 10:8)
(Stanislaw Economic Region--Labor supply)

KOZLOVA, Tat'yana Andreyevna; LEMEKHA, Mikhail Vasil'yevich;
OLESNEVICH, Lyubomir Aleksandrovich [Olesnevych, L.O.];
FRANCEUK, P.O., red.; DAKHNO, Iu.M., tekhn. red.

[By common efforts; from the experience of interfarm production contacts] Spil'nyy zusylyamy; z dosvidu mizhkolhospykh vyrobnychkh zv'iazkiv. Kyiv, Vyd-vo Akad. nauk URSS, 1961. 52 p.
(MIRA 15:3)

(Ukraine--Collective farms--Interfarm cooperation)

^{L.A.}
OLESNEVICH, L.O. [Olesnevych, L.O.], otv. red.; KOZLOVA, T.A., red.;
KONONENKO, V.M., red.; KRIVC-HOBIL'SKIY, I.F. [Kryvo-
Kobyl's'kyi, I.F.], red.; BARANOVA, N.P., red. izd-va;
BEREZOVSKAYA, D.N. [Berezova'ska, D.N.], tekhn. red.

[Production potentials of the western regions of the
Ukrainian S.S.R.] Rezervy vyrobnytstva zakhidnykh raioniv
Ukrains'koi RSR. Kyiv, Vyd-vo AN URSS, 1963. 152 p.
(MIRA 17:3)

1. Akademiia nauk URSS, Kiev. Instytut suspil'nykh nauk.

OLESNEVICH, M.M., inzh.; LASHCHERNOV, I.V., inzh.

Using magnetic treatment devices for high-hardness water. Bezop.truda
v prom. 7 no.2:22-23 F '63. (MIRA 16:2)

1. Upravleniye Luganskogo okruga Gosudarstvennogo komiteta pri
Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyam rabot v
promyshlennosti i gornomu nadzoru.
(Water-Softening)

CIESNIEWICZ, M.

Technical description of the construction of workshops for prefabricating ship sections and processing sheet metal in the Stettin Shipyards, p. 188

INZNIERIA I BUDOWNICTWO. (Naczelna Organizacja Techniczna i Polski Związek Inżynierów i Techników Budowlanych) Warszawa, Poland, Vol. 16, No. 5, May 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11, November 1959
Uncl.

PONOMAREV, V.A., inzh.; OLESOV, A.M., inzh.; BABINCHUK, V.M., inzh.

RK-60 trench cutting machine. Trakt.i sel'khozmas. 31 no.9:
28-29 S '61. (MIRA 14:10)

(Excavating machinery)

ALEKSANDROVA, T.A.; PROKHOROVA, I.Ya.; SHAPIRO, Ya.Ya.; CHIRIKOV, A.Y.; LEVITSKIY,
V.A.

Manufacture and testing of zig-zagging hearth for ion channel type
channel type induction furnace. TSvet.net. 38 no. 7:89-91, 1965.
(MIRA 1969)

1. OLESOV, I. P., Eng.; ALEKSEYEV, A. I., Eng.; RODIGIN, N.M., Eng.
2. USSR (600)
4. Welding
7. Using induction preheating in assembly welding of steel structural units at temperatures below freezing, Stroi. prom., 31, No. 1, 1953.

9. Monthly Lists of Russian Accessions, Library of Congress, April, 1953, Uncl.

OLESCV, N.

The right-flank man. Izobr. i. ats. no. 6:36-37 Je '60. (MIRA 14:2)

1. Severskiy metallurgicheskiy zavod, Sverdlovskaya oblast'.
(Polevskoy—Steelworks—Technological innovations)

OLESOV, N., instruktor.

Relying upon the aid of a hundred hands. Sov. profsoyuzy 18 no.11:5-6 Ja '62
(MIRA 15:6)

1. Oblastnoy komitet profsoyuzov rabochikh metallurgicheskoy
promyshlennosti, g.Sevda, Sverdlovskoy obl.; neshtatnyy korrespondent
zhurnala "Sovetskiye profsoyuzy".

(Revda (Sverdlovsk Province)—"trade unions)

(Revda (Sverdlovsk Province)—Steel industry)

TSEGOYEV, S. (g.Kuybyshev); OLESOV, N., instruktor; DOLGUSHINA, A.;
KASHMANOV, V.; SEMCHENKO, I.

Inspection of "red corners" is in progress. Sov. profsoyuzy
18 no.17:36-37 S '62. (MIRA 15:8)

1. Spetsial'nyy korrespondent zhurnala "Sovetskiye profsoyuzy",
(for TSegoyev).
2. Sverdlovskiy oblastnoy komitet profsoyuzov
rabochikh metallurgicheskoy promyshlennosti (for Olesov).
3. Zavod "Arenkuz", predsedatel' soveta sodeystviya sem'ye i
shkole, g. Moskva (for Kashmanov).
4. Zavod vysokovol'tnoy
apparatury, g. Rovno (for Semchenko).
(Community center) (Moscow--Community and school)
(Rovno--Technological innovations)

OLESOV, N.A.

Redesigning the rotary kiln. Tsement 27 no. 2:23-24, Mr-Apr '61.
(MIRA 14:5)

1. Novorossiyskiy tsementny' kombinat.
(Kilns, Rotary)

OLESOV, N.A.

Redesigning a fire bar cooler. Tsement 28 no.2:19-20 Mr-Ap
'62. (MIRA 15:8)

1. Novorossiyskiy tsementnyy kombinat.
(Kilns, Rotary--Cooling)

OLESOV, I. A.

We utilize the potentials of production. ISement 29 no.2:3-4
Mr-Apr '63. (MIRA 16:4)

1. Predsedatel' obshchestvennogo Soveta sodeystriya Novo-
rosstsemskombinat.

(Cement industries)

OLESOV, N.K.

LEBEDEV, V.V., kandidat sel'skokhozyaystvennykh nauk; NIKIFOROVA, G.V.,
nauchnyy sotrudnik; OLESOV, N.K., nauchnyy sotrudnik

Filbert variety testing at the Zakataly branch station. Trudy
VNIIE no.10:75-83 '54. (MIRA 8:9)

(Filbert)

OLESOV, N.N.

Annual general meeting of the Academy of Sciences of the Turkmen
S.S.R. Izv. AN Turk. SSR. Ser. fiz.-tekhn., khim. i geol. nauk no. 3:
126-127 '63. (MIRA 17:3)

1. Otdel razvedochnoy geofiziki i seysmologii AN Turkmenskoy SSR.

OLKOV, N.N.

Secretary of the Collection of the Chair of Geology and Exploration
of Mineral Resources at the Institute of Geology of the Academy of Sciences
of the USSR, on the problem of distant oil and gas prospecting. 1981.
AN Turk. GKH. Kar. Mad. Fak. 1981. 100 s. (1981. 100 s.)
(1981. 100 s.)

1. Olkov, N.N. Kar. Mad. Fak. 1981. 100 s. (1981. 100 s.)
1981.

OLESOV, N.P.; ADAMOVA, L., red.; CLEMKO, L., tekhn.red.

[The seven-year plan ahead of time!] Semiletka - dosrechno.
Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1959. 61 p. (MIRA 13:9)

(Sverdlovsk Province--Economic policy)

OLISOV, O.G.

Problem of hot blast in pyrite smelting. TSvet. met. 27 no.1:49-56
Ja-F '54. (MIRA 10:9)

(Pyrites) (Blast furnaces)

OLESOV, O.G.

Advantage of interlocking converters with air blowers. Soviet.
mat. 38 no.6:41-42 Feb '55. (MIRA 18:10)

AYZENBERG, Yu.B.; BARTASHEVICH, G.V.; OLESOV, P.P.

Session dedicated to the 50th anniversary of I.U. N. Godin's
birth. Sov. geol. 6 no.5 146-147 My '63. (MIRA 16:6)

(Godin, IUrii Nikolaevich)

10292-63 EWP(q)/EWT(m)/BD--AFFTC--JD

ACCESSION NR: AP3002262

S/0089/63/014/006/0563/0568

AUTHOR: Meyerson, G. A.; Olesov, M. G.; Pryalochnikov, V. I.

54

TITLE: Reduction of zirconium dioxide by calcium carbide or calcium cyanamide

SOURCE: Atomnaya energiya, v. 14, no. 6, 1963, 563-568

TOPIC TAGS: zirconium dioxide, calcium carbide, calcium cyanamide, zirconium carbonitride, reduction, isobaric free-energy change

ABSTRACT: Zirconium carbide or carbonitride formation was shown to occur in the 900 to 1100C range when reduction of zirconium oxide is carried out with calcium carbide or calcium cyanamide in an inert atmosphere, while a temperature of over 2000C is required for conventional carbon reduction. Calculations of the isobaric change in the free energy of formation of the carbide and carbonitride indicated that the carbon in the calcium carbide or cyanamide may act simultaneously with calcium in the reduction of ZrO sub 2. Experimental reduction was carried out in a tubular electric furnace with a finely ground mixture of pure ZrO sub 2 and technical-grade calcium carbide or cyanamide in briquet form, in a

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stationary nitrogen or argon atmosphere and in a nitrogen stream. The initial composition of a batch was calculated from reactions (1) and (2) or (3) and (4) (see Enclosure). After firing and cooling, the briquets were leached out with hydrochloric acid, and the products were analyzed for total and free carbon and for nitrogen. The percent conversion to zirconium carbonitride was evaluated on the assumption that the total combined C + N + O in carbonitride is 50 at%. The effects of temperature, retention time, and type of atmosphere upon the degree of conversion are presented in Figs. 1, 2, and 3 of Enclosure. It is concluded that 1) in a stationary nitrogen atmosphere, optimum conditions for complete conversion are 4 hr at 1100C with the amount of reducing agent 20% in excess of the theoretical; 2) the consumption of calcium cyanamide (but not of calcium carbide) can be lowered to 80% of theoretical consumption based on reaction (3) when a nitrogen stream is used; 3) reduction is feasible in any protective atmosphere (such as producer or natural gas), as shown by the experiments in an argon atmosphere. Orig. art. has:

5 figures, 3 tables, and 14 formulas.

ASSOCIATION: none

SUBMITTED: 10Sep62

SUB CODE: 00

DATE ACQ: 12Jul63

NO REF SO: 003

ENCL: 06

OTHER: 007

Card 2/2

ACCESSION NR: AP4009843

S/0149/63/000/006/0096/0102

AUTHORS: Meyerson, G. A.; Suchkov, A. B.; Olesov, Yu. O.; Yermakova, T. N.

TITLE: Investigation of the conditions for obtaining the lowest chlorides of titanium and zirconium

SOURCE: IVUZ. Tsvetnaya metallurgiya, no. 6, 1963, 96-102

TOPIC TAGS: titanium chloride, zirconium chloride, electrolytic refining, titanium refining, zirconium refining

ABSTRACT: Two methods for obtaining the lowest chlorides of titanium and zirconium for electrorefining were investigated: a) displacement of the iron by Ti or Zr in the solution $\text{NaCl} + \text{FeCl}_2$ forming the low chlorides; b) anode dissolving of Zr in the same solution. In the first method Ti or Zr powder (with traces of Si, Fe, Al, and Ca) was added to a mixture of NaCl and FeCl_2 (at 850C), held at this temperature for some time, and quickly chilled. The Ti and Zr contents were then determined. It was found that after 30 minutes at 850C the Ti content in the solution was 5.56%. In the second method bricks of Zr powder were used as the anode material and 100 amp-hrs of electricity were passed through the solution (at 850C). The deposits on the cathode were tested for Zr content. It was found

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DIYEV, N.P.; OLESOVA, A.I.; PIMENOV, I.V.; KADNIKOV, B.T.

Oxidation of selenium copper. Trudy Inst. met. UPAN SSSR no.1:
52-58 '57. (MIRA 11:9)
(Copper--Electrometallurgy) (Selenium)

SOV/137-59-5-10139

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, p 99 (USSR)

AUTHORS: Diyeu, N.P., Olesova, A.I., Pimenov, I.V.

TITLE: Behavior of Selenium in Metallurgical Reprocessing in the Copper Smelting Industry

PERIODICAL: Tr. In-ta metallurgii, Ural'skiy fil. AS USSR, 1958, Nr 2, pp 125-139

ABSTRACT:

The authors show the distribution of Se over ore concentration products on the basis of investigations into the composition of concentrates (Pb-Zn ore). The radioactive Se^{75} isotope was used to investigate the rate and mechanism of the Se oxidation in roasting pure Cu_2Se and Ag_2Se and conventional Cu-concentrate. Investigations into the oxidation rate were carried out at 500° , 600° , 700° and $800^\circ C$. Gas mixtures of N_2 and O_2 , containing 1.3 and 21% O_2 were used for selenide oxidation. The completeness and rate of the Se elimination by oxidation depend more on the temperature than on the O_2 concentration in the gaseous phase. The degree of Se elimination in roasting Cu of a charge attains 91%. Se is eliminated in the form of SeO_2 , concentrating in the

Card 1/2

VETRENIKO, Ye.A.; DIYEV, N.P. [deceased]; OLESOVA, A.I.

Using radioisotopes for the study of zinc and selenium changes
to the gaseous state. Trudy Inst. met. UPAN SSSR. no.2:141-148
'58. (MIRA 12:4)

(Sublimation (Physical sciences)) (Zinc--Isotopes)
(Selenium--Isotopes)

GELLER, Yu. A.; KREMEV, L.S.; OLESOVA, TS.L.

Rapid steel with reduced carbide heterogeneity. Metalloved. 1
term. obr. met. no.6:25-35 Je '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut.
(Tool steel--Metallography)

OLESOVA, Tat'yana Shlemovna, inzh.; ZAKSON, R.I., nauchn. red.

[Technology of electric welding] Tekhnologiya elektricheskoi svarki. Moskva, TSentr. nauchno-issl. in-t patentnoi informatsii i tekhniko-ekon. issl., 1964. 43 p.
(MIRA 18:5)

OLESOVA, T.Sh., inzh.; MAKSINA, T.N., inzh., red.; FEDOROV, M.N.,
kand. tekhn. nauk, red.

[Collection of Soviet and foreign inventions; welding]
Sbornik otechestvennykh i inostrannykh izobretenii; sva-
rochnaia tekhnika. Moskva, Tsent. nauchno-issl. in-t
patentnoi informatsii i tekhniko-ekon. issledovani,
1964. 106 s. (MIRA 18:3)

1. Russia (1923- U.S.S.R.) Komitet po delam izobreteniy
i otkrytiy.

OLESOVA, T.Sh.

Technological possibilities of friction welding; review of
patent data. Avtom. svar. 18 no.3:59-61 Mr '65.

(MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gosudarstvennoy patentnoy ekspertizy.

I 5196-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b)/EWA(h) LJP(c) JD/JG

ACC NR: AP5024976

SOURCE CODE: UR/0286/65/000/016/0039/0039

AUTHORS: Kossovich, G. I.; Geller, Yu. A.; Olesova, T. I.

32
03

ORG: none

TITLE: High speed steel Class 40, No. 173790

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 39

TOPIC TAGS: high speed steel, carbon, sulfur, manganese

ABSTRACT: This Author Certificate presents a high-speed steel that contains tungsten, chromium, vanadium, and molybdenum. To improve its technical properties and its stability, the following composition is selected, in %:

carbon	0.8-0.9	sulfur	0.03
chromium	3.0-3.1	phosphorus	0.03
tungsten	8.5-10.0	silicon	0.4
molybdenum	3.5-4.1	manganese	0.4
vanadium	1.8-2.1		

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